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QUARTERLY BULLETIN

Issued By The

ARIZONA BOARD OF PUBLIC HEALTH

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TUCSON, ARIZONA

Arizona Board of Public Health.

OFFICE OF THE SECRETARY

In issuing this first Bulletin it may be advisable to state why we issue it.

We want the doctors and people in general to take more interest in Sanitation and in the gathering of Vital Statistics.

When there were few people in the territory Sanitation was less important, but now, when various centers are becoming young cities, it is necessary that care be exercised to keep them clean. Keep the water supply pure; see that the various dairies supply good milk; see that good and efficient sewerage systems are constructed, garbage destroyed, etc. In fact, we must keep the necessities of life pure and clean.

This work falls to the county, and especially to the city health officers. No one can do it all. It needs the hearty co-operation of everyone.

We cannot prevent contagious diseases coming among us, but *we can prevent its spreading*. To do this every case must be reported and rigidly quarantined. Simply because a case is mild, is no reason why it should not be reported and quarantined.

Keep the quarantine up so long as there is danger of spreading the disease. At the next meeting of the Territorial Board, there will be some Quarantine regulations made. Copies will be sent to all physicians in the territory. We do this that uniform rules may exist in all counties.

Having decided to raise the Quarantine, it next becomes necessary to clean up. You cannot be too careful. Fumigation means much more than burning a little sulphur or scattering around carbolic acid.

Formaldehyde is possibly the best. By using permanganate of potash, no expensive apparatus is necessary.

California State Board of Health suggests the following method:

"To disinfect a room with formaldehyde gas, generate by means of permanganate of potash: Seal the room by pasting strips of paper over the cracks, keyholes, etc., raise the carpets on chairs or stools, open drawers and closets, and hang up bed clothes. Take a flaring 12 quart galvanized iron pail, and put in it 6 1-2 oz. fine crystals of permanganate of potash; pour upon it from an open vessel 16 oz. of

the 40 per cent solution of formalin, and leave the room quickly. Leave the room closed for 6 or 8 hours if possible. This is for 1,000 cubic feet of space. If room is larger use same proportion for additional space, using another pail for every 1,000 cubic feet."

Formaldehyde gas frequently fails to kill non-spore bearing organisms when the temperature is below 60 and the relative humidity of the atmosphere below 65 (Rosenan), hence in our climate it would be advisable to hang up a sheet or two wrung out of water to increase the humidity of the air, care being taken not to hang it over the pail. While there is practically no danger from fire, yet it is possible for flames to occur owing to the rapid chemical action. Pennsylvania Health Board reports three instances.

Reports show that when disinfection is properly done by using formaldehyde, failure occurs in only 2.1-2 per cent (Stokes & Stubbs)

Name of County	Name and Address of County Superintendent of Public Health	Report for Quarter Ending June 30			Report for Quarter Ending Sept 30		
		Deaths	Births	Contag. Diseases	Deaths	Births	Contag. Diseases
Apache	Dr. C. E. Standlee, St. Johns.	3	2	none	3	10	3
Coconino	Dr. A. G. Rounseville, Williams.	3	15	6	7	11	13
Cochise	Dr. W. A. Greene, Douglas	53	101	94	43	107	14
Gila	Dr. B. G. Fox, Globe	33	38	18	36	58	37
Graham	Dr. J. H. Lacy, Solomonville	16	34	none	*	*	*
Maricopa	Dr. H. A. Hughes, Phoenix	*	*	*	75	23	41
Mohave	Dr. E. A. Ealy, Kingman	3	9	7	8	2	11
Navajo	Dr. C. J. Hathaway, Winslow	4	11	6	5	16	3
Pima	Dr. W. V. Whitmore, Tucson	132	40	21	145	34	25
Pinal	Dr. Geo. M. Brockway, Florence	6	12	26	15	13	15
Santa Cruz	Dr. H. W. Purdy, Nogales	*	*	7	*	*	*
Yavapai	Dr. J. S. Barrett, Prescott	†29	†4	†38	56	46	18
Yuma	Dr. J. A. Ketcherside, Yuma	10	10	30	9	16	5

* No report † Partial report

	Quarter Ending June 30	Quarter Ending Sept 30
Total Deaths, all causes	292	402
Total births	276	336
Total contagious cases	253	185

Important Causes of Death

Typhoid Fever	4	12
Pneumonia	22	7
Tuberculosis	49	73
Scarlet fever	11	2
Small pox	2	1
Diphtheria	1	4
General diseases	80	93
Diseases of nervous system	12	10
Deceases of circulatory system	28	47
Diseases of digestive system	42	93
Puerperal condition	5	6
Accident	27	40
Senility	1	1
Still births	8	12
Septicamia		1

It will be noticed that there are more deaths reported than births. This does not indicate that the death rate exceeds the birth rate. Many births are not reported. Let us make a greater effort to report the births, deaths and contagious diseases. If you haven't the necessary blanks, write to your city or county health officer for them.

The Chairman of the Board of Supervisors will kindly note whether the Superintendent of Public Health of his county is making prompt reports.